

Abstract

The present invention discloses an active-hydrogen-containing phosphorus compound for cross-linking a resin and for imparting flame-retardancy to the cured resin, and in particular to a cured flame-retardant 5 epoxy resin prepared by reacting the hardener with a di- or poly-functional epoxy resin via an addition reaction between the active hydrogen and the epoxide group. The present invention also discloses an epoxy resin made from the active-hydrogen-containing phosphorus compound and epihalohydrin.